23786

17 MAY 2005

10/835233

## IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventors:

Valeria BAIAMONTE, Daniele FRANCESCHINI

Patent Appln.: Filed on:

PCT/EP2003/012551 11 November 2003

For:

Method, system and computer program product for managing the transmission of

information packets in a telecommunication network

Hon. Commissioner of Patents

Box 1450

Alexandria, VA 22313-1450

## **POWER OF ATTORNEY**

Telecom Italia S.p.A. hereby appoints Herbert Dubno, Reg. 19.752; Jonathan Myers, Reg. 26,963; Andrew Wilford, Reg. 26,597 and each of them individually to prosecute the matter identified in the caption and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all correspondence to:

The Firm of Karl F. Ross, P.C. Customer Number 535

5676 Riverdale Avenue, Box 900 Bronx, New York 10471-0900 Telephone: (718) 884-6600 Fax: (718) 601-1099.

The undersigned CERTIFIES:

The above-identified application was assigned to Telecom Italia in an Assignment filed herewith and of which a copy is attached hereto;

That Telecom Italia is the assignee of the entire right, title, and interest in the above-identified application;

That the undersigned has reviewed all the documents in the chain of title of above-identified application and, to the best of the undersigned's knowledge and belief, title is in Telecom Italia;

That the undersigned is empowered to act on behalf of and is authorized to execute this Power of Attorney on behalf of Telecom Italia; and

That the undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the above-identified application or any patent issued thereon.

Date:

April 14, 2005

Signature

Pier Giovanni Giannesi (Proxy Holder)

10/535283

## **DECLARATION**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR MANAGING THE TRANSMISSION OF INFORMATION PACKETS IN A TELECOMMUNICATION NETWORK

the specification of which is attached and/or was filed on 11 November 2003 as PCT International Application No. PCT/EP03/12551 and was amended on \_\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's certificate, or any PCT International application(s) having a filing date before that of the application(s) of which priority is claimed:

Residence TORINO, ITALY  Post Office Address Via San Paolo, 45 - 10141 TORINO - Italy		Application N	umber	Date of Filing	Priority Claime	d Under 35 U.S.C. 119	
I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:  Application Number  Date of Filing  I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designed under States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States. I listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States. I listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States. I listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States of the prior application(s) and the national international filing date of this application; and application(s) and the national international filing date of this application; and application(s) and the national international filing date of this application; and application and belief are be be true; and further that these statements made herein of my own knowledge that willful false statements made on information and belief are be be true; and further that these statements were made with the knowledge that willful false statements made on information and belief are be be true; and further that these statements were made with the knowledge that willful false statements made on information and belief are be be true; and further that these statements were made with the knowledge that willful false statements made on information and belief are be be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by a prior application or any pattern its will be application	ITALY	TO2002A001009	20 1	November 2002	☐ YES ☐	l no	
Application Number  Date of Filing  I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designed United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United St CT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information material paraentability as defined in 37 CFR § 1.56 which became available between the filling date of the prior application(s) and the national international filling date of this application:  Application Number  Date of Filling  Status (Patented, Pending, Abandoned)  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by application or any patent issuing thereon.  Full Name of First Inventor Valeria BAIAMONTE  Post Office Address Via San Paolo, 45 - 10141 TORINO - Italy  Residence TORINO, ITALY  Post Office Address Torino, ITALY  Inventor's Signature  Date  Date					☐ YES ☐	J NO	
I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designed United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United St CT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national iternational filing date of this application:  Application Number  Date of Filing  Status (Patented, Pending, Abandoned)  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by prisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validy proprisonment is suing thereon.  Full Name of First Inventor  Valeria BAIAMONTE  Inventor's Signature  Date  Citizenship  ITALY  Post Office Address  TORINO, ITALY  Full Name of Second Inventor  Daniele FRANCESCHINI  Residence  TORINO, ITALY  Full Name of Second Inventor  Daniele FRANCESCHINI  Residence  TORINO, ITALY  Full Name of Second Inventor  Daniele FRANCESCHINI  Residence  TORINO, ITALY  Inventor's Signature  Date  Date	I hereby claim the benefit	under 35 U.S.C. § 119(e)	of any United State	s provisional application	on(s) listed below:		
The United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United St. CT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national international filing date of this application:  Application Number  Date of Filing  Status (Patented, Pending, Abandoned)  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by prisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the vality population or any patent issuing thereon.  Full Name of First Inventor  Valeria BAIAMONTE  Residence  TORINO, ITALY  Post Office Address  Via San Paolo, 45-10141 TORINO - Italy  Full Name of Second Inventor  Daniele FRANCESCHINI  Post Office Address  Telecom Italia S.p.A., Via G. Reiss Romoli, 274-10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date  Date	Application Number				Date of Filing		
The United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United St. CT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose informations material to patentability as defined in 37 CFR § 1.56 which became available between the filling date of the prior application(s) and the national international filling date of this application:  Application Number Date of Filling Status (Patented, Pending, Abandoned)  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by morisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the vality explication or any patent issuing thereon.  Full Name of First Inventor  Valeria BAIAMONTE  Residence  TORINO, ITALY  Post Office Address Via San Paolo, 45- 10141 TORINO - Italy  Full Name of Second Inventor  Daniele FRANCESCHINI  Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date  Date							
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by morisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the vally pelication or any patent issuing thereon.  Full Name of First Inventor Valeria BAIAMONTE  Residence TORINO, ITALY  Post Office Address Via San Paolo, 45 - 10141 TORINO - Italy  Full Name of Second Inventor Daniele FRANCESCHINI  Residence TORINO, ITALY  Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date	ne United States, listed belo PCT International application s material to patentability as	ow and, insofar as the sub (s) in the manner provided defined in 37 CFR § 1.56	pject matter of each d by the first parag	n of the claims of this a raph of 35 U.S.C. § 11	application is not disclos 2, I acknowledge the du	ed in the prior United States ty to disclose information whi	
be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by a prisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the vally population or any patent issuing thereon.  Full Name of First Inventor Valeria BAIAMONTE  Residence TORINO, ITALY  Post Office Address Via San Paolo, 45 - 10141 TORINO - Italy  Full Name of Second Inventor Daniele FRANCESCHINI  Residence TORINO, ITALY  Post Office Address Torino, ITALY  Post Office Address Torino, ITALY  Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date  Date	Application N	umber	Date of	f Filing	Status (Patented	Status (Patented, Pending, Abandoned)	
be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by prisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the vally opplication or any patent issuing thereon.  Full Name of First Inventor Valeria BAIAMONTE  Residence TORINO, ITALY  Post Office Address Via San Paolo, 45 - 10141 TORINO - Italy  Full Name of Second Inventor Daniele FRANCESCHINI  Residence TORINO, ITALY  Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date  Date  Date							
Post Office Address Via San Paolo, 45 - 10141 TORINO - Italy  Full Name of Second Inventor Daniele FRANCESCHINI  Residence TORINO, ITALY  Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date  Date			Inventor'	~ // ) )	oule_	2°2 APR. 2005	
Post Office Address Via San Paolo, 45 - 10141 TORINO - Italy  Full Name of Second Inventor Daniele FRANCESCHINI  Residence TORINO, ITALY Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date  Date		 7⁄	T Vale	mi ogalam	<u> </u>	1 50	
Daniele FRANCESCHINI  Residence TORINO, ITALY  Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor  Inventor's Signature  Date	( )						
Post Office Address Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor Inventor's Signature Date		TORINO - Italy					
Telecom Italia S.p.A., Via G. Reiss Romoli, 274- 10148 TORINO - Italy  Full Name of Third Inventor Inventor's Signature Date	Via San Paolo, 45 - 10141	-	Inventor	s Signatu(e)			
	Via San Paolo, 45 - 10141 Tell Name of Second Inventorable FRANCESCHINI Residence	tor	Inventor	s Signatule)		Pate APR. 2005 Citizenship	
Residence Citizenship	Via San Paolo, 45 - 10141 Tell Name of Second Inventional Paniele FRANCESCHINI  Residence TORINO, ITALY  Post Office Address	tor	Odus	e Signatufe)		Pate APR. 2005 Citizenship	
l l	Via San Paolo, 45 - 10141 Tell Name of Second Inventional Paniele FRANCESCHINI  Residence TORINO, ITALY  Post Office Address Telecom Italia S.p.A., Via G	i. Reiss Romoli, 274- 101	48 TORINO - Italy	6 Faller		Date 2 APR. 2005 Citizenship	
Post Office Address	Via San Paolo, 45 - 10141 Tell Name of Second Inventional Pariete FRANCESCHINI Residence TORINO, ITALY Post Office Address Telecom Italia S.p.A., Via G	i. Reiss Romoli, 274- 101	48 TORINO - Italy	6 Faller		Bate APR. 2005 Citizenship ITALY  Date	



### Box No. VIII (iii) **DECLARATION: ENTITLEMENT TO CLAIM PRIORITY**

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

In relation to this International Application, TELECOM ITALIA S.p.A. is entitled to claim priority of earlier

ITALIAN PATENT APPLICATION NO TORONSAMMING flod

virtue of an assignment from TELECOM ITALIA LAB S.p.A. to TELECOM ITALIA S.p.A, dated March 31, 2003.						
This declaration is made for the purposes of all the designated states.						
This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".						

Form PCT/RO/101 (declaration sheet (iii)) (March 2001; reprint July 2003)

See Notes to the request form

PCT/EP2003/012551

# Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America) The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rul for the purposes of the designation	les 4.17(iv) and 51 <i>bis.</i> 1(a)(iv)) of the United States of America:				
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and	y one inventor is listed below) or joint (if more than one inventor for which a patent is sought.				
This declaration is directed to the international application of which it forms a part (if filing declaration with application).					
This declaration is directed to international application No. PCT/ .EF to Rule 26ter).	203/12551 (if furnishing declaration pursuant				
I hereby declare that my residence, mailing address, and citizenship	o are as stated next to my name.				
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pate States of America, including any PCT international application design having a filing date before that of the application on which foreign Prior Applications: TO2002A001009, IT 20, November 200	, in compliance with PCT Rule 4.10, any claim to foreign priority, "by application number, country or Member of the World Tradeent or inventor's certificate filed in a country other than the United nating at least one country other than the United States of America, priority is claimed.				
I hereby acknowledge the duty to disclose information that is 37 C.F.R. § 1.56, including for continuation-in-part applications, mat of the prior application and the PCT international filing date of the	ternal information which became available between the filing date continuation-in-part application.				
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or an	with the knowledge that willful false statements and the like so				
Name: BAIAMONTE, Valeria					
Mailing Address: Via San Paolo, 45 - I-10141 TORINO - Ita	aly				
******************************					
Citizenship: ITALY  Inventor's Signature: Dern Den Contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)					
• ,					
Name: FRANCESCHINI, Daniele	***************************************				
Residence:	***************************************				
(city and either US state, if applicable, or country)					
Mailing Address: TELECOM ITALIA S.p.A Via G. Reiss F	Romoli, 274 - I-10148 TORINO - italy				
Citizenship: ITALY	•••••				
nventor's Signature Del Jember	Date: 21 NOV. 2003				
if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)				
This declaration is continued on the following sheet, "Continuation	on of Box No. VIII (iv)".				